IP CAMERAS

IDEA

IE Browser User's Manual

for Windows XP / 2003 / Win7 / Vista

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1. Preface

Thank you for using our HD IP camera products. This series of products are all-in-one IP cameras designed for network video surveillance, including box IP camera, infrared box IP camera, dome IP camera, speed dome IP camera, etc. These products adopt high performance and powerful single SOC chip media processor to integrate audio and video capture, compression and transmission. Standard H.264 high profile coding algorithm ensures clearer and smoother video transmission effect. Built-in Web Server allows users to easily perform real-time monitoring and remote control over front-end cameras via IE browser. This series of IP cameras is suitable for small and medium-sized enterprises, families, and other environments that require remote network video transmission and monitoring. It is easy to install and operate.

2. Runtime environment configuration

2.1 Machine configuration requirements

CPU: P4 2.4 or more
Memory: 1G above (2G or above recommended)
Graphics: 256M dedicated graphics memory or more Graphics

2.2 Operating System Requirements

Windows XP, Windows 7 family of operating systems

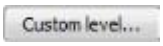
2.3 IE browser version requirements

Internet Explorer 6
Internet Explorer 7
Internet Explorer 8
Internet Explorer 9
Internet Explorer 10

2.4 Browser Configuration Requirements

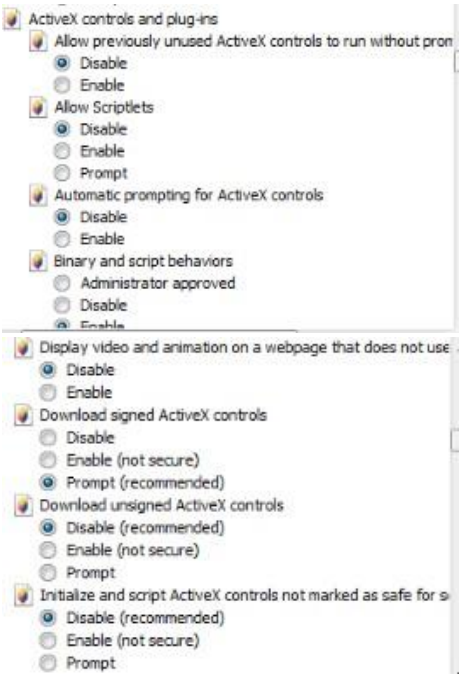
First log device, open the IE browser, click
“Tools”.with pop-down menu.

And click on “Internet Options”, pop-up screen.

In the "Security", click the button 

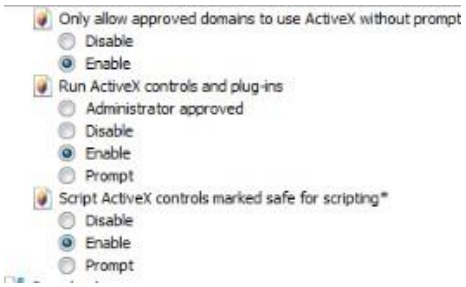
Pop-up screen

In the ActiveX controls and plug-in to set every option, as follows



Note： Select "Enable"

Note ： Select "Enable"

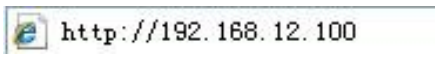


After completing the settings, click OK, then pop up dialog box. Click Yes to exit the dialog box. And then click OK exit IE settings.

Warning!
Are you sure you want to change the settings for this zone?
The current security settings will put your computer at risk.
Yes
No

3. Log in

In the URL box, enter the device IP:
Default IP: 192.168.12.100
Note: If the user's computer does not have 12 segment's IP, you need to add 12 segment to the computer network IP



Login screen appears after Logging in IE:

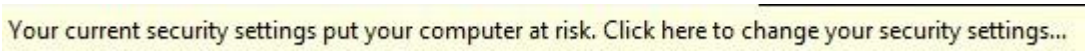
Login:
Step One: Choose your language (default is English)
Step two: Enter the correct user name and password (The default user name and password are admin)

Step Three: Click the button to login

4. The main interface

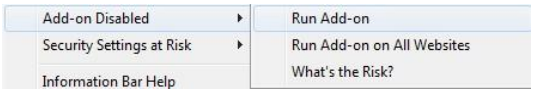
4.1 Plug-in installation instructions

Log into the main interface, If the picture does not appear for the first time, please click interface above change security settings tips,



One of two situations will appear after clicking
The first case: If the pop-up dialog box

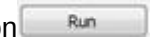
-

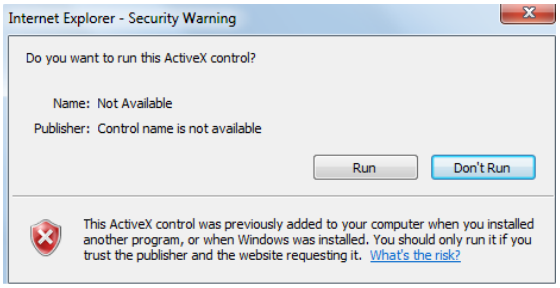


appears, select "Install Blocked" then select "all users on this computer to install this add-ins" Install add-ins, the interface will be displayed properly.

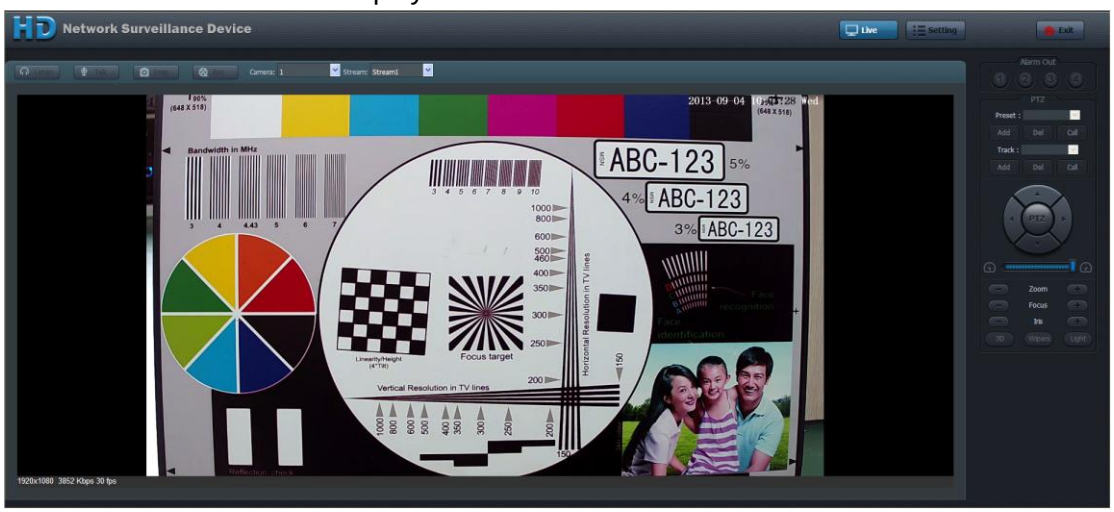
- The second case: If the following dialog box appears, select "Disable add-ons" and then select "on all websites run add-ins" Run add-ins,

ActiveX Controls dialog box will pop up,

Click the button  , the main interface will be displayed properly.

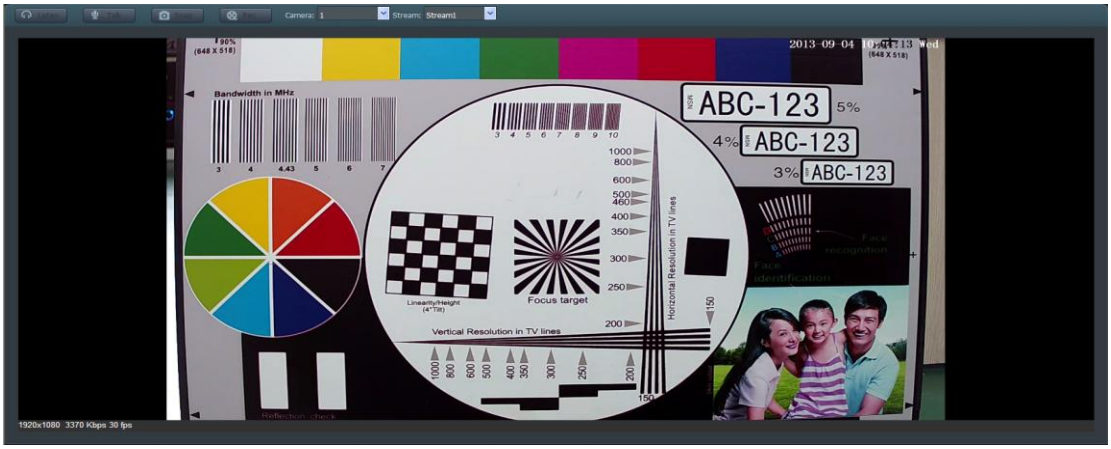

Internet Explorer - Security Warning
Do you want to run this ActiveX control?
Name: Not Available
Publisher: Control name is not available
Run
Don't Run
This ActiveX control was previously added to your computer when you installed another program, or when Windows was installed. You should only run it if you trust the publisher and the website requesting it. What's the risk?

The main interface normal display state:



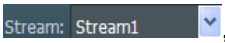
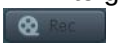
4.2 Live preview interface

The button is used to switch from another interface to the live preview interface



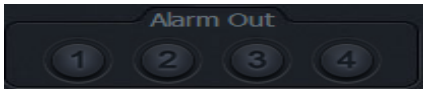
The button is used to open and close monitoring function, dark gray state means monitoring function is closed, bright blue state means monitoring function is open

Talkback function controlled by the talkback button , dark gray state means function is closed, bright blue state means function is open

- Channel selection ，in the drop down , select the channel，Only one channel for ip camera.
- Stream selection ， in the drop down  , select the stream， stream 1 is the main stream， stream 2 is the sub-stream
- Grab: Click the Grab button to get the current screen.
- Video: Click the record button  to start recording, click again to cancel the recording, video settings can be set.
- Resolution, stream, frame rate information at the bottom left of the interface:
- Zoom function, real-time preview screen by dragging the mouse to select the area you want to magnify to zoom. Right-click the pop-up dialog box , you can choose to exit the magnified area to restore panorama.

4.3 Alarm Output

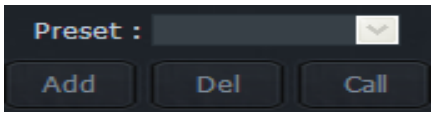
Provides four alarm output



4.4 PTZ

(Note: it is only effective to the device support PTZ function)

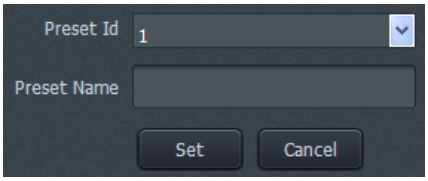
4.4.1 Preset control



- Add Preset：

In the Preset drop-down menu, select the preset position, click Add preset settings interface will pop up.

In the drop-down menu to set preset ID, enter the preset name, click Set to setting, Click Cancel to exit the setup screen.



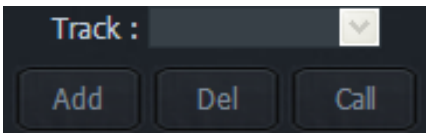
- Delete Preset：

Drop-down menu, select the preset you Want to delete, Click Del to delete the preset position.

- Call the preset position：

Drop-down menu, select the preset position you want to call, through click Call for preset position recalls.

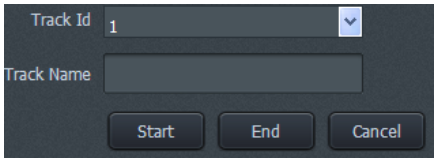
4.4.2 Track control



- Add track：

In the track drop-down menu, select the track, Click Add ,the track adding interface will pop up.

In the drop-down menu to set trace ID, enter the track name , click Start as track start position, click End as the track end position, click Cancel to exit track setting interface.



- Remove track：

In the drop-down menu, select the track you want to delete by click Del to delete the track.

- Call track：

In the drop-down menu, select the track you want to call, through click Call to call tack.

4.4.3 PTZ control

- Direction control：

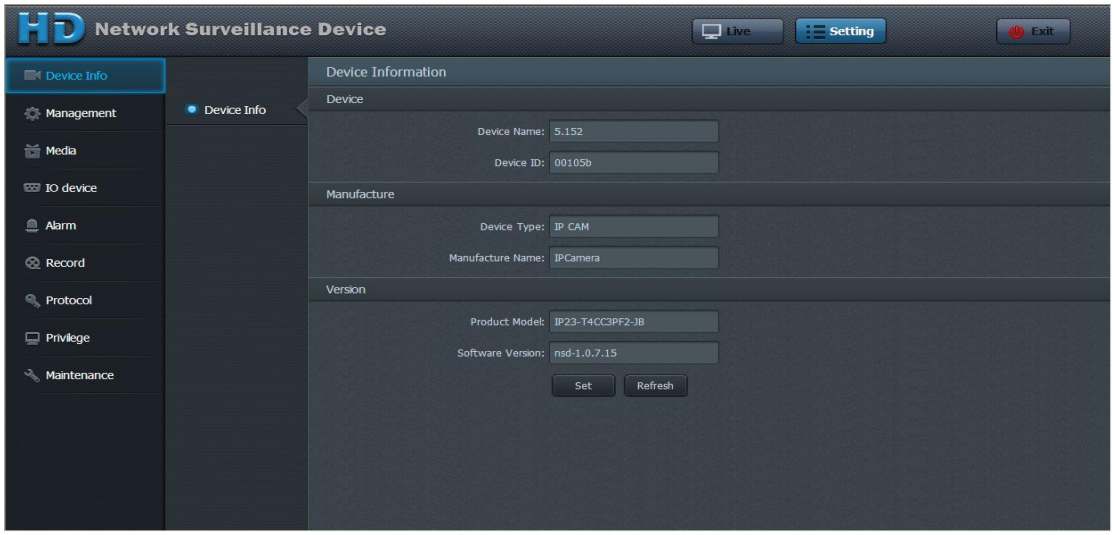
Click the up and down arrow keys to control PTZ direction, pulling speed adjustment bar to control PTZ movement speed.

- Function Control：

By clicking on the button [−] and button [+] corresponding amplification, focus, iris control. The button [3D] is a 3D zoom function keys, [Wipers] is the wiper function keys. [Light] is a lighting function keys.

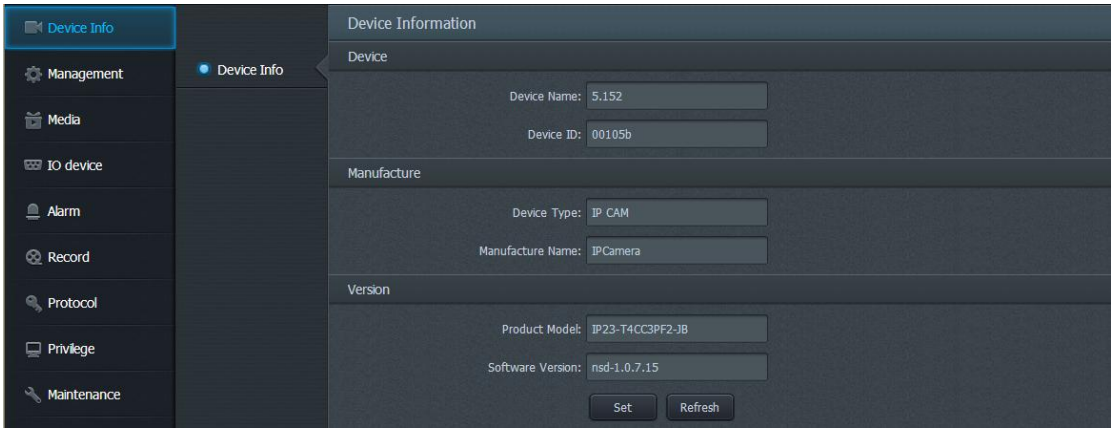
5. Setup interface Operating Instructions

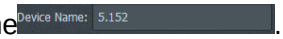
Click [Setting] to enter setup interface (default enters the device information screen), provides the following setting items.



5.1 Device Information

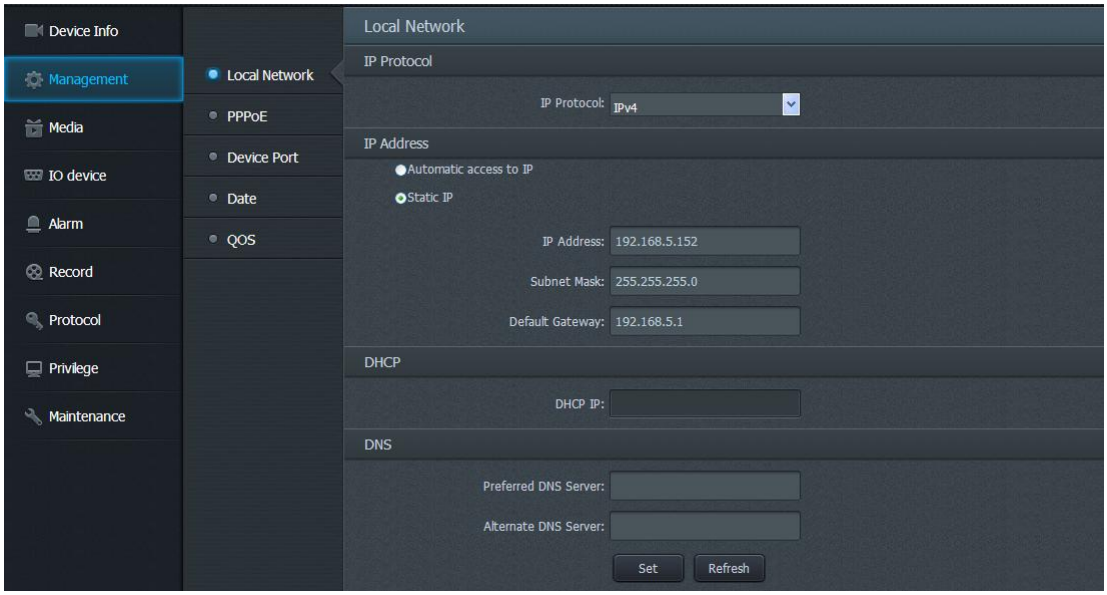
Click to enter the device information screen:



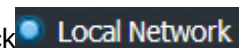
Device Information provided information of the device, manufacturer, version, including set the device name  .

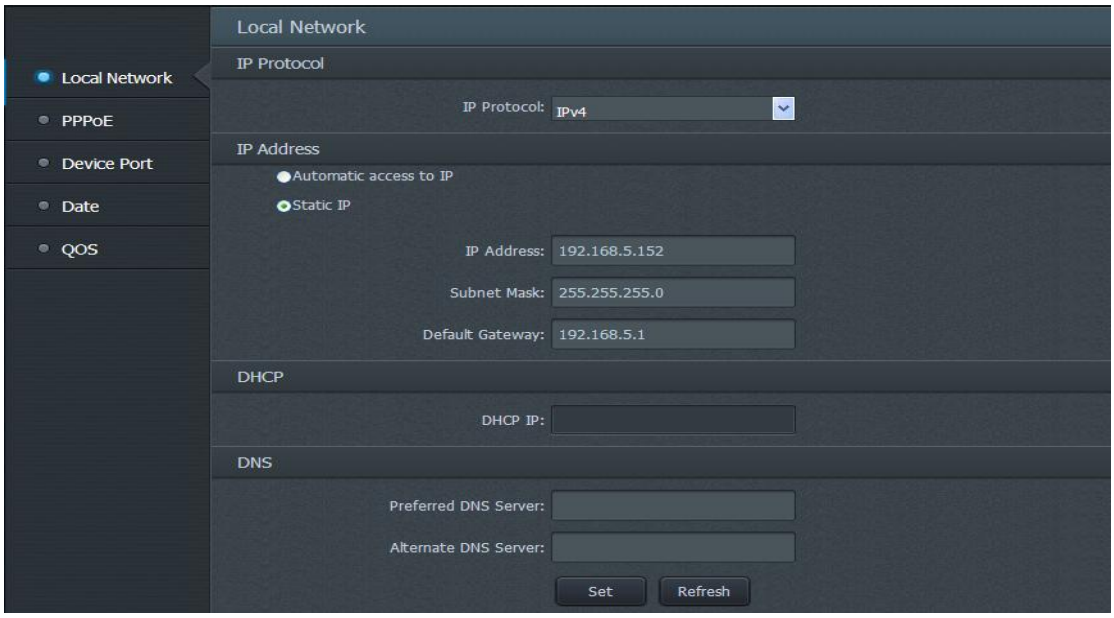
5.2 Device Management

Click to enter the device management interface:



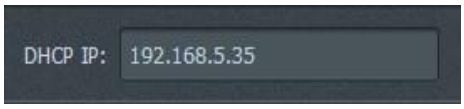
5.2.1 Local Network

Click  to enter the local network settings:

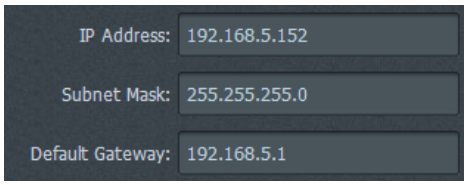


Can be set for the following

- Click Automatic access to IP choose automatically obtain IP, the device will be set to automatically obtain IP status, acquired IP will be displayed in the DHCP IP field.

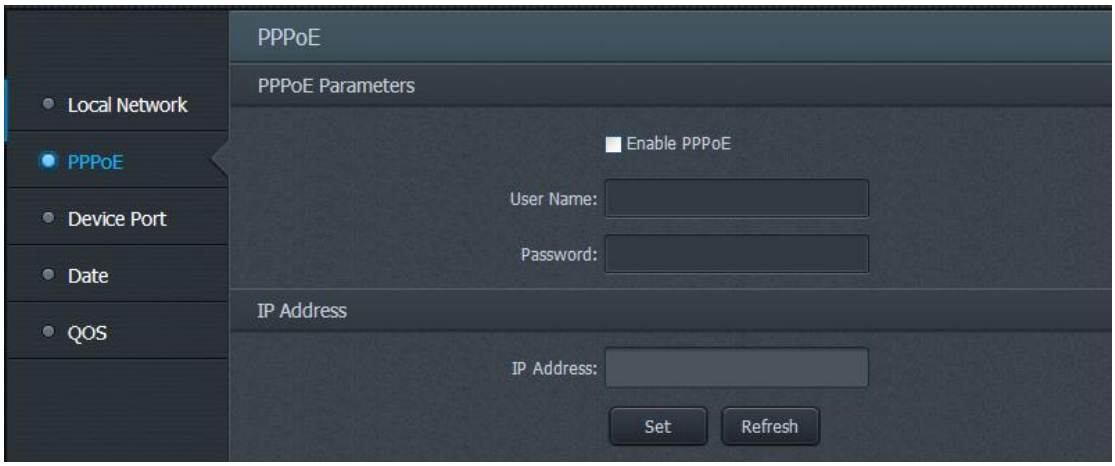


- Click Static IP to choose Static IP, Set the IP address, subnet mask, and default gateway. One should pay attention to the IP address and the default gateway consistency



5.2.2 PPPoE

Click PPPoE to enter the PPPoE interface:

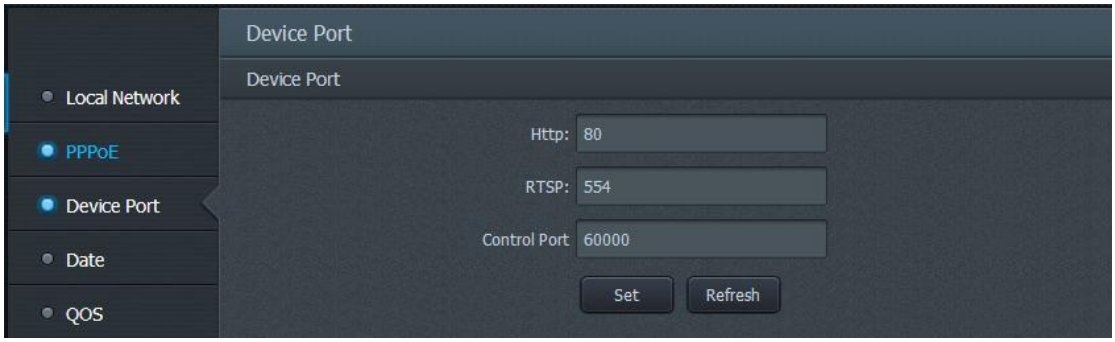


In PPPoE interface, PPPoE can be viewed and set various settings.

- Check Enable PPPoE, the user name and password are editable; you can set the user name and password.

5.2.3 Device Port

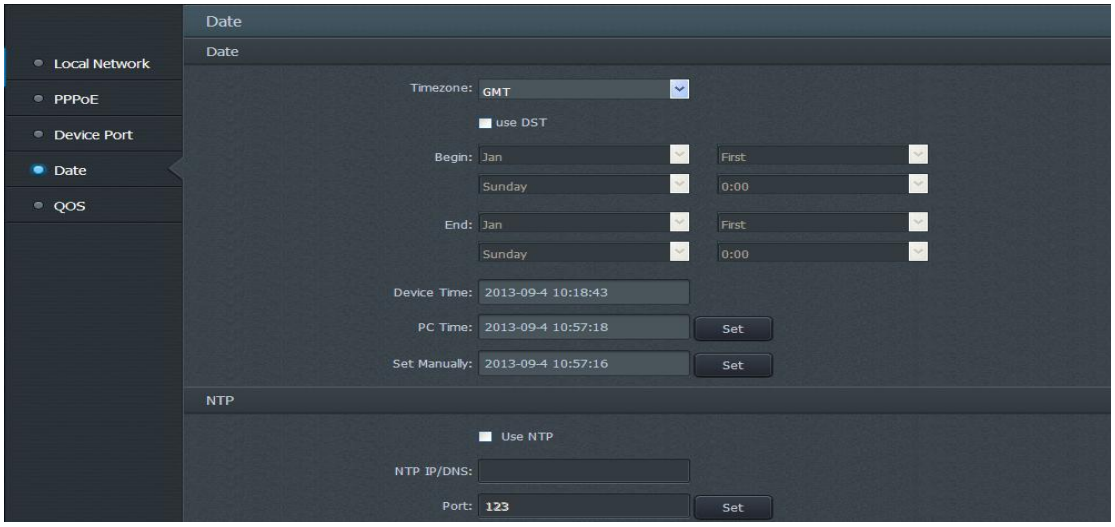
Click Device Port to enter device port interface:



The port of Http, RTSP and control can be viewed and set.

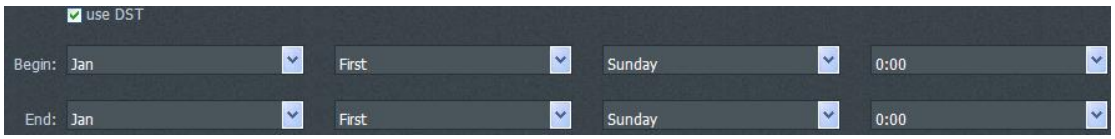
5.2.4 Date

Click Date to enter date setting interface:

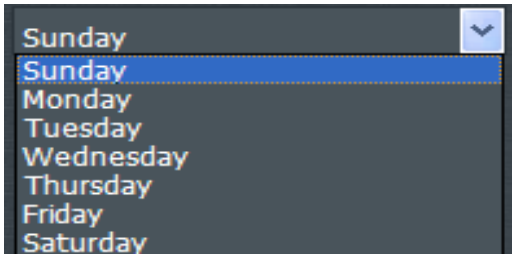


- Daylight Saving Time:

Check use DST to enable daylight saving time, start time and end time can be set

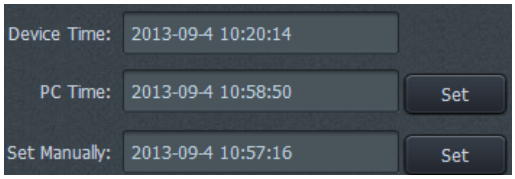


Click on the drop-down menu of time elements, you can set the time elements, such as weeks setting diagram: choose one , then click Set button after the [pc time] to confirm



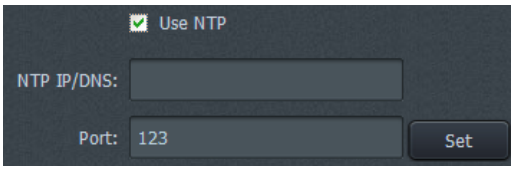
- Device time settings:

Time settings provided with the computer time calibration and set the time manually



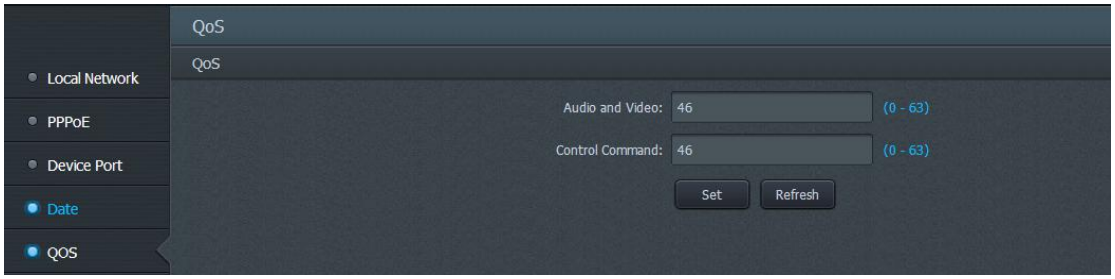
- NTP:

Check Use NTP Enable NTP. NTP IP / DNS settings provide NTP server address, the port can be set (default is 123). Click Set .button to confirm.



5.2.5 QOS

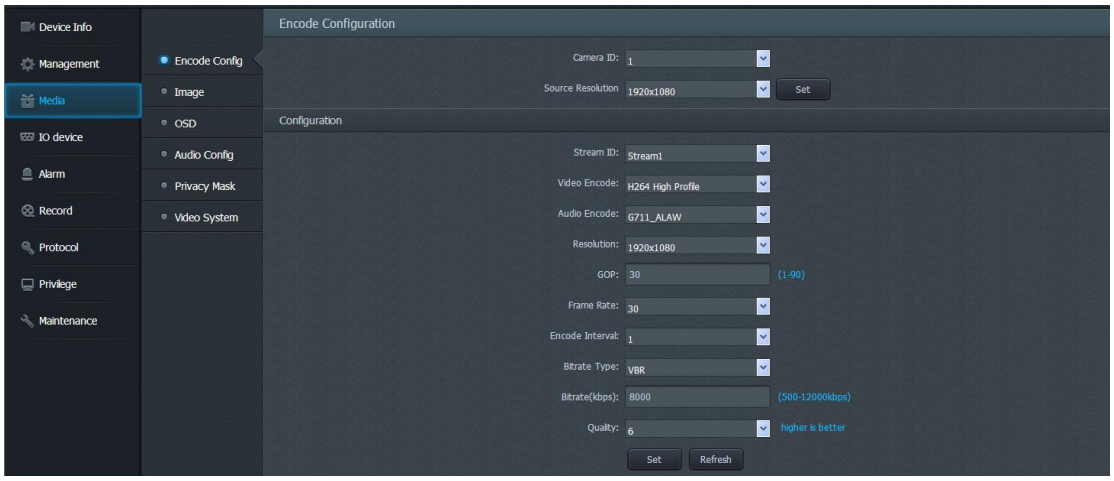
Click QOS to enter QOS settings interface:



QOS can be viewed and set various settings.

5.3 Media settings

Click Media to enter the media setting interface:

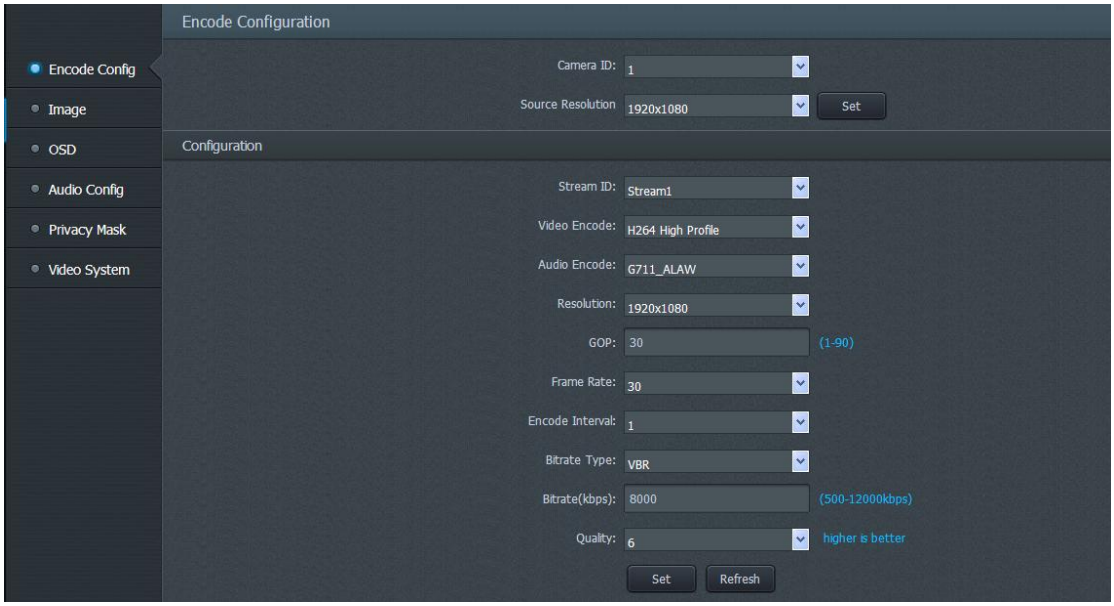


- Source Resolution: Resolution of the sensor can be modified
- Stream ID: choose stream 1, can set the parameters of the main stream; choose stream 2, can set the parameters of the sub-stream.
- Video Encode: H264 High Profile,H264 Main Profile,H264 Base Line and MJPEG can be chosen, default is H264 High Profile, also is the best video encode.

- Audio Encode: G711_ALAW, G711_ULAW and RAW_PCM can be chosen, default is G711_ALAW.
- Bit Rate Type: CBR means control code stream in a fixed value; VBR means dynamically adjusted stream size according to different scenarios, and do not exceed the maximum; LBR means Fixed frame length.
- Quality: The higher the quality the better the image quality, bit rate will be higher. The range of 1-9, the typical default value is 5.

5.3.1 Encoding scheme

Click Encode Config to enter code configuration interface:



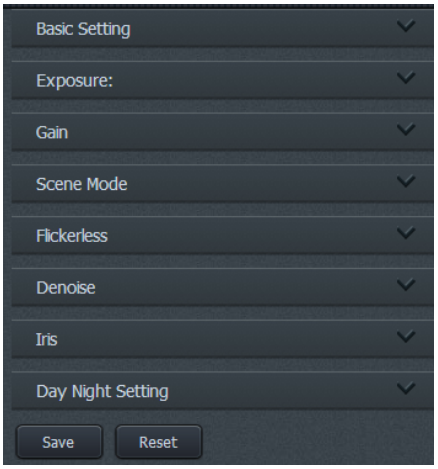
5.3.2 Image configuration

Click Image the picture to enter the configuration interface:

Image configuration can be viewed and set.

- Image configuration interface configured to provide an image preview, the user can

right-click interface of the settings are set, click to expand the appropriate settings specific items.



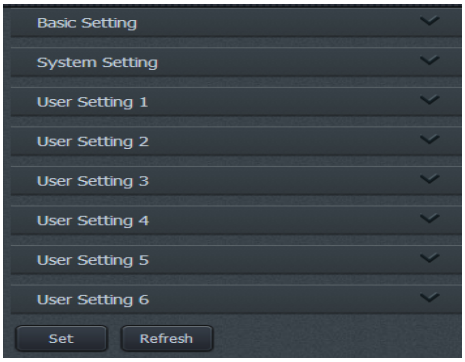
- Basic settings: You can set the brightness rod, saturation and sharpness, by mirroring the drop-down bar to select the desired image, including horizontal, vertical, horizontal + vertical.
- Exposure: used to set the exposure, the exposure shutter mode configuration provides a fixed shutter and the maximum shutter settings, both through the pull-down bar, select Settings, Default: Auto, 1/25 [50Hz]: 1/30 [60Hz].
- Gain: Gain parameter is used to set the gain configuration provides a gain mode, fixed gain and maximum gain settings. Default: Auto, fixed gain 0, maximum gain 50.
- Scene modes: used to set the scene modes, including auto, indoor and outdoor three kinds of scene modes.
- Flicker: By selecting a different frequency and power to overcome the image frequency is not synchronized brought flickering. There 50Hz and 60Hz for selection, the default is 50Hz.
- Noise Reduction: Choose the strength of noise reduction, the default value is 50.
- Day and night settings: day and night setting provides day and night mode and night colors, rolling night threshold, night turn day threshold and switching sensitivity settings.
- Day and night modes: automatic, day mode and night mode, the default is automatic.
- Night colors: black and white, color, default is black and white
- Rolling night threshold: The default value is 60
- The Day night threshold: The default value is 10
- Switch sensitivity: low, low, medium, high, and high, default is high
- **Note: The threshold settings need to be cautious, but at night turn is greater than the threshold at night turn threshold.**
- All settings and save the settings through the Save. Click Reset to reset default values.

5.3.3 Setting OSD

Click OSD to enter the OSD setting interface:

You can view and set the OSD.

- OSD setting interface provides image preview, the user can click interface to set the right setting item, and set in the image preview, click to expand the corresponding set items.



5.3.4 Audio setting

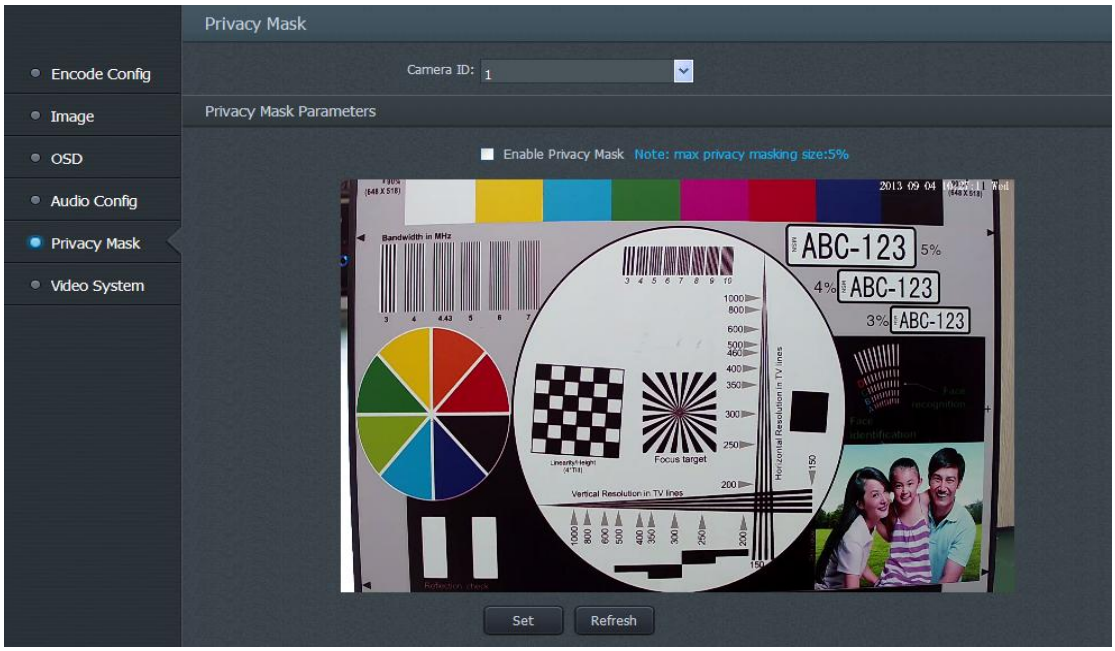
Click Audio Config to enter the audio configuration settings interface:

You can view and configure the audio settings.

Check Enable Audio In, audio input and audio input volume types can be set in state.

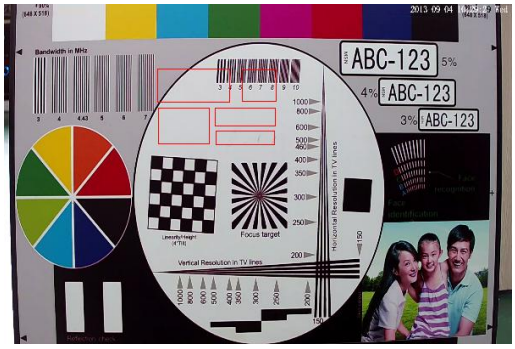
5.3.5 Privacy masking

Click Privacy Mask to enter the Privacy Mask setting interface:



Privacy masking can be viewed and set.

- Setting steps:



Step 1: Check Enable Privacy Mask to enable privacy masking.

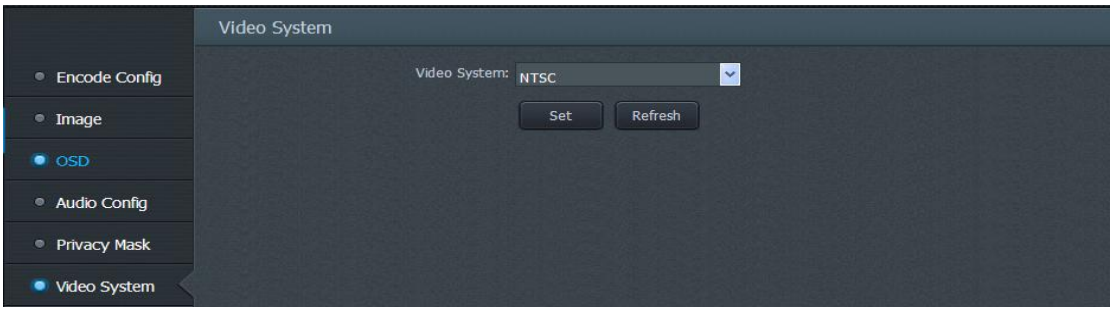
Step 2: In the preview screen, drag the mouse to select the mask area, click the right to cancel the area selection (individually canceled).

Step 3: Click Set can pop up dialog box .Click OK, the masking function will take effect.

Step 4: unchecked Enable Privacy Mask, you can disable privacy masking function.

5.3.6 Video Output

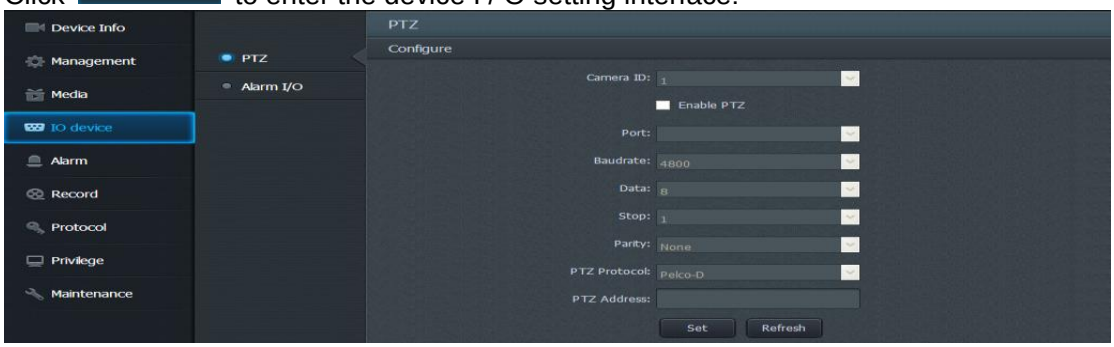
Click Video System into the video output interface:



Video output can be viewed and set.

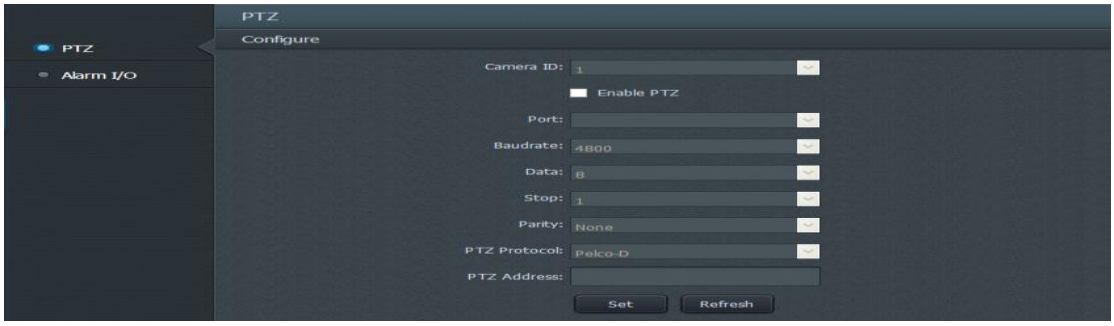
5.4 Device I / O

Click to enter the device I / O setting interface:

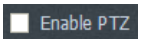


5.4.1 Set PTZ

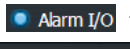
Click to enter the PTZ setting interface:

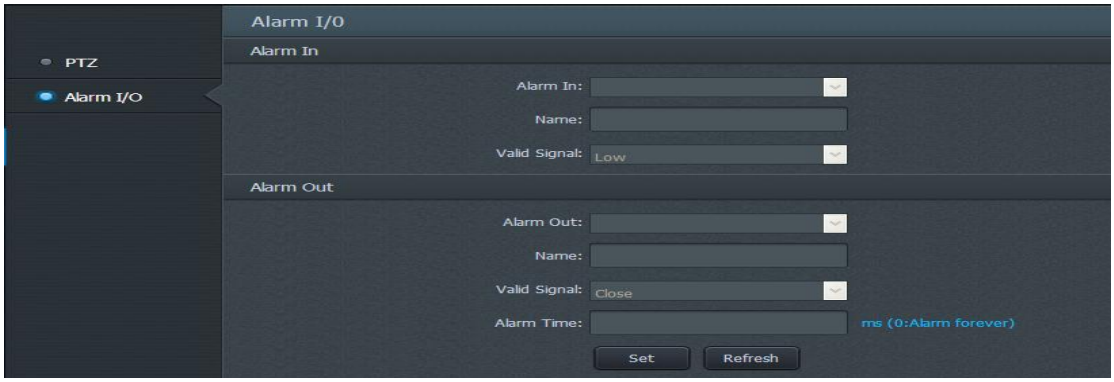


PTZ can be viewed and various settings.

Check  Enable PTZ, PTZ is set state at this time.

5.4.2 Alarm I / O

Click  to enter the alarm I / O interface:

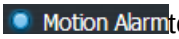


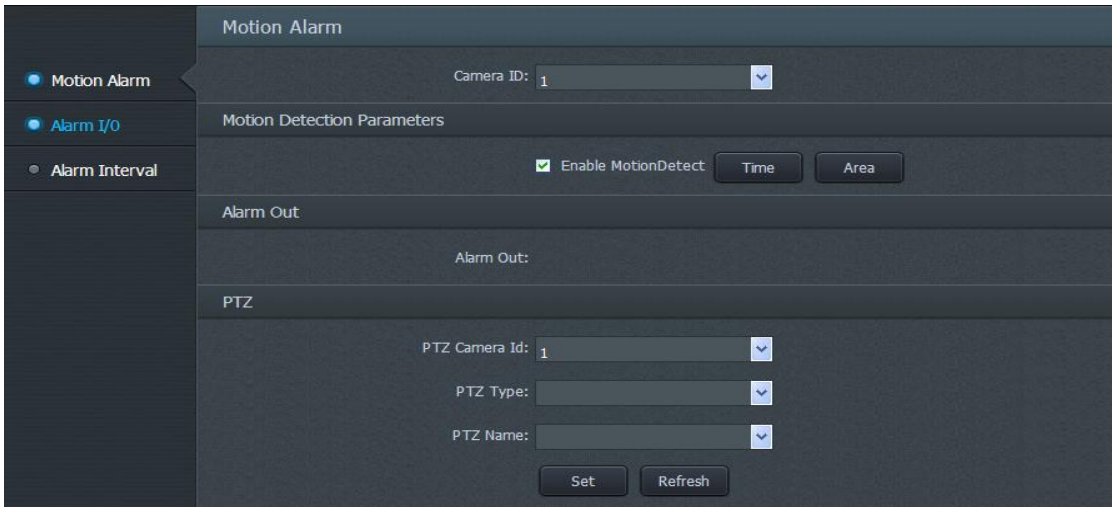
Alarm I / O can be viewed and set

5.5 Alarm Configuration

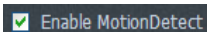
Click Configure to enter the alarm setting interface:

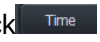
5.5.1 Mobile alarm

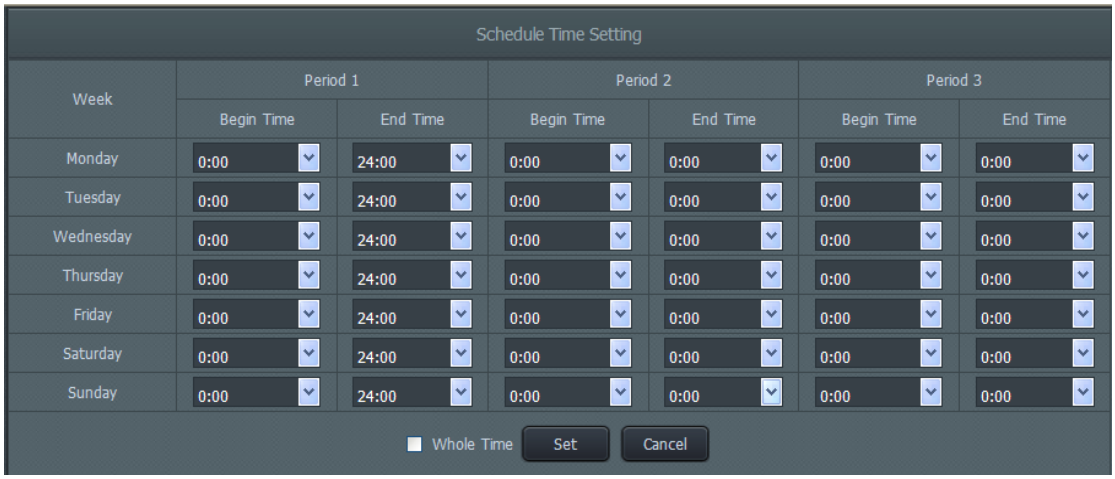
Click  to enter the mobile alarm interface:



You can view and set the mobile alarm

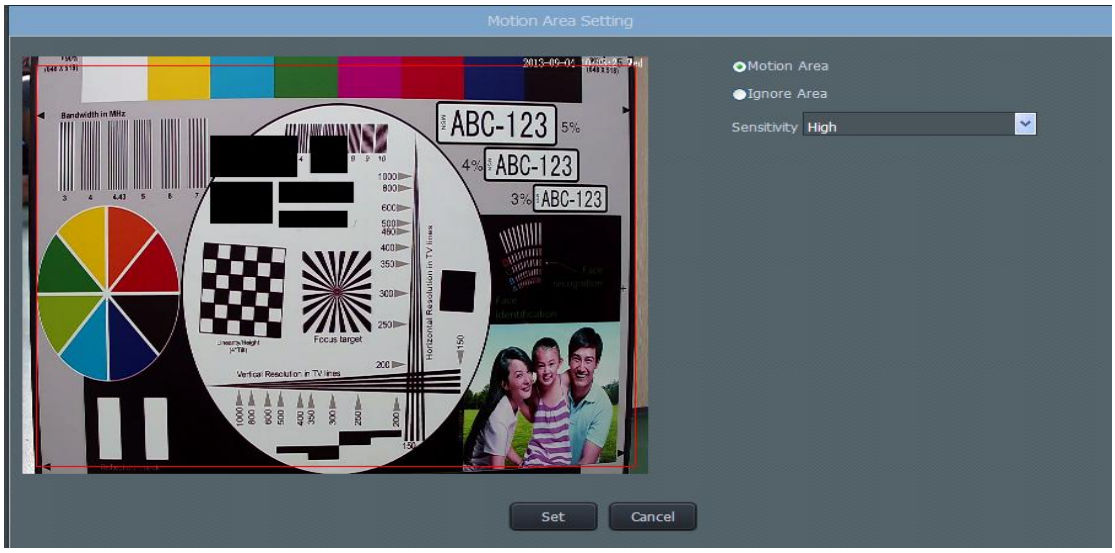
Check  to enable motion detection, motion detection time and time zone can be set up in the state.

Click  to enter scheduled time setting interface:

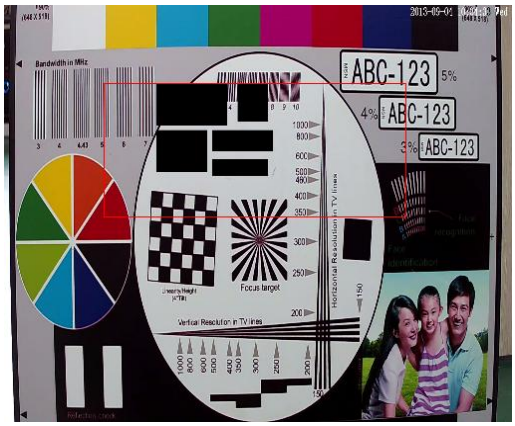


Can detect the time setting.

Check Area to enable motion detection, motion detection time and time zone can be set in the state.

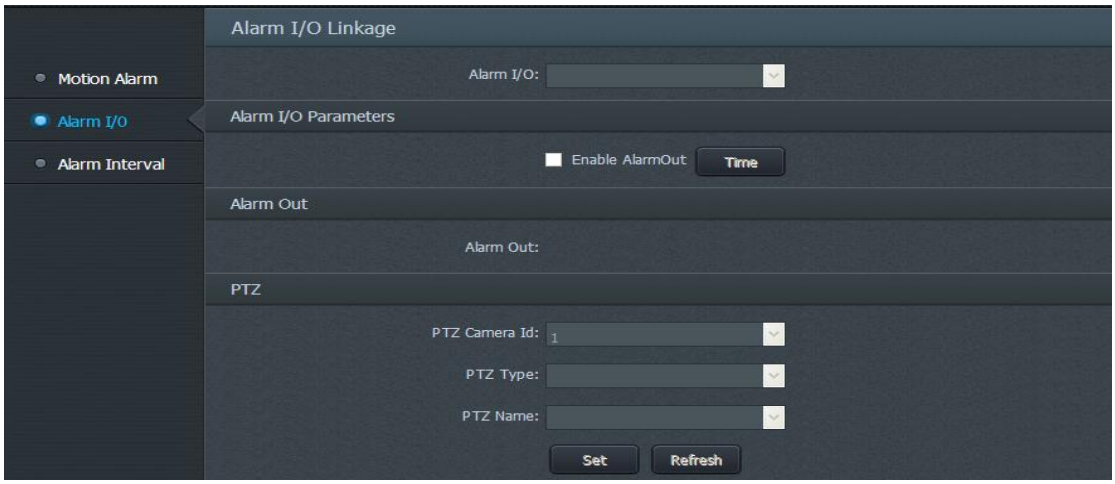


- Setting steps:
  Step one: Select the moving area or ignore regional
  Step Two: Drag the mouse to select the area
  Step 3: Select detection sensitivity level
  Step 4: Click Set to confirm settings and to exit the moving area setup interface
- Check Alarm Out: to enable alarm output.



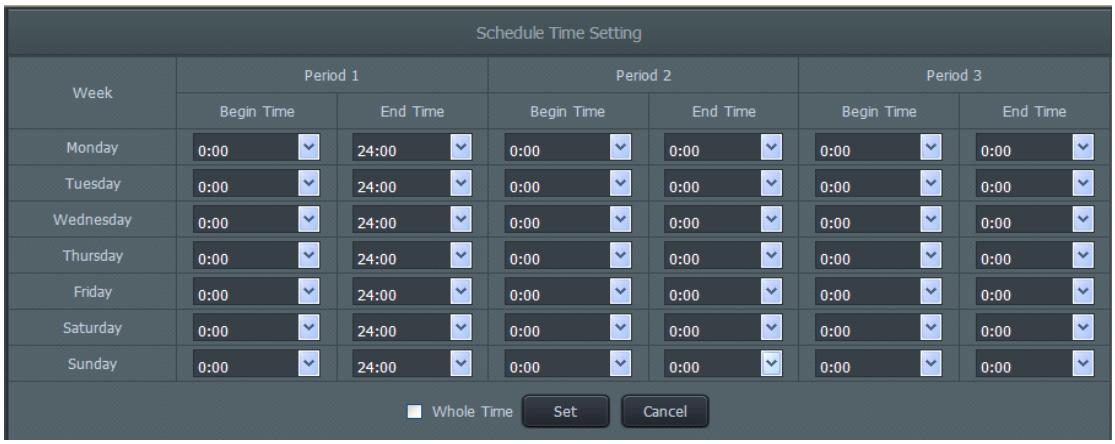
5.5.2 Alarm I / O

Click Alarm I/O to enter the I / O Alarm Interface:



You can view and set the I / O alarm in the I / O alarm interface,

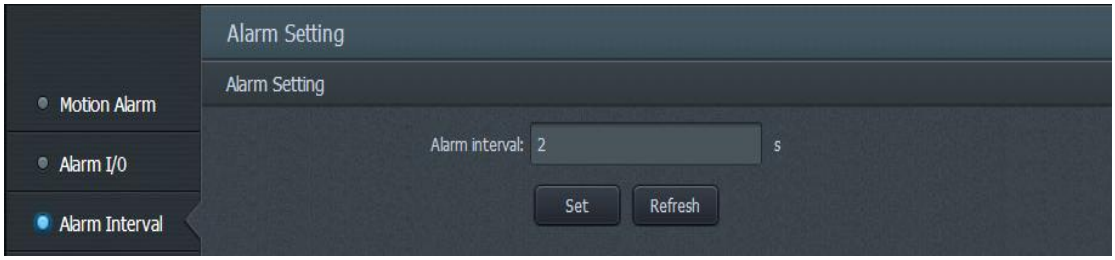
Check Enable AlarmOut to enable the alarm I / O, this time you can set the alarm time in the state, click Time can enter the planning time setting interface, set the detection time.



Check Alarm Out to Enable Alarm Output。

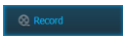
5.5.3 Alarm Interval

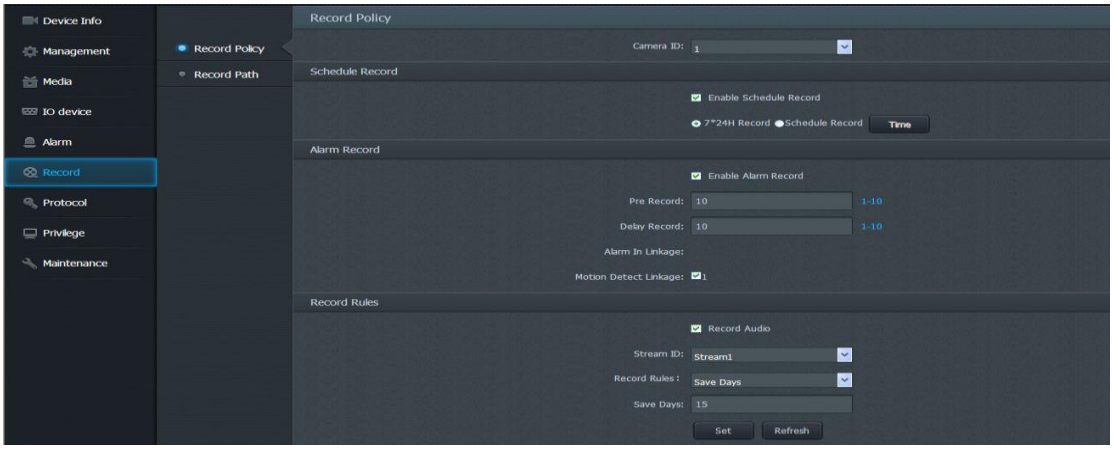
Click Alarm Interval to enter the alarm interval settings page:



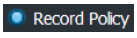
Interval of alarms can be viewed and set.

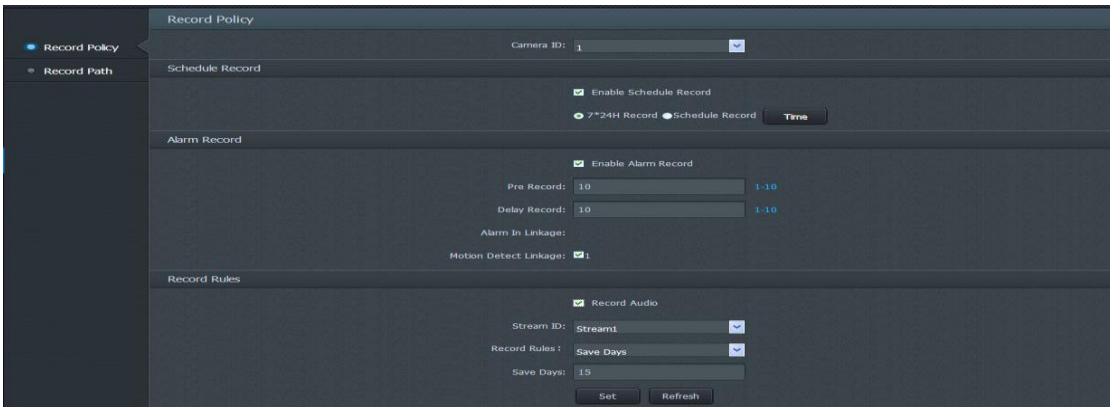
5.6 Video Recording

Click  into the video recording settings screen:



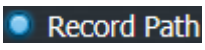
5.6.1 Recording Policy

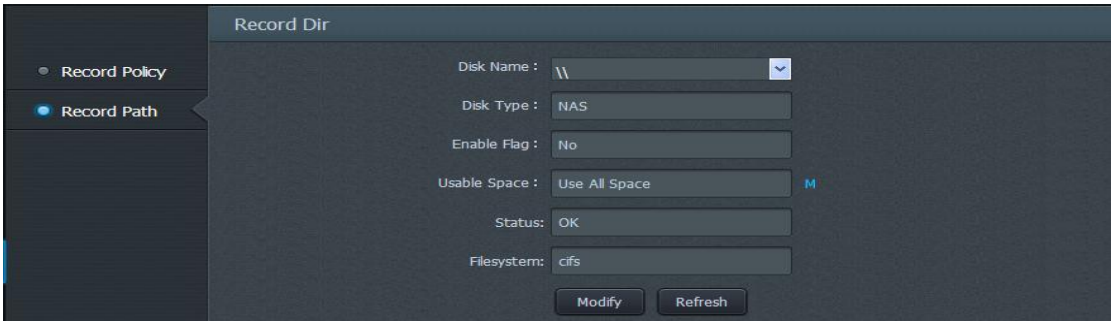
Click  to enter the recording policy setting interface:



Strategy in the video interface can view and set the video strategy.

5.6.2 Video Catalog

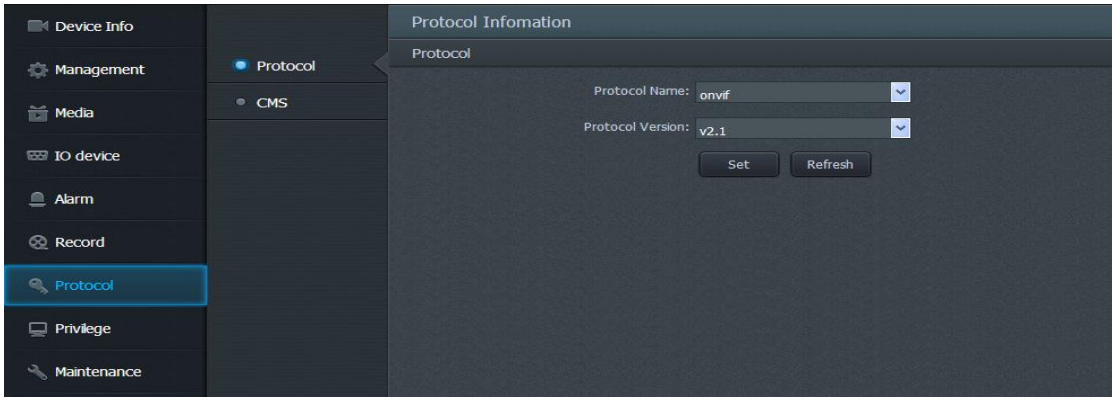
Click  into the video directory setting interface:



In the video directory interface, you can view and set the video directory.

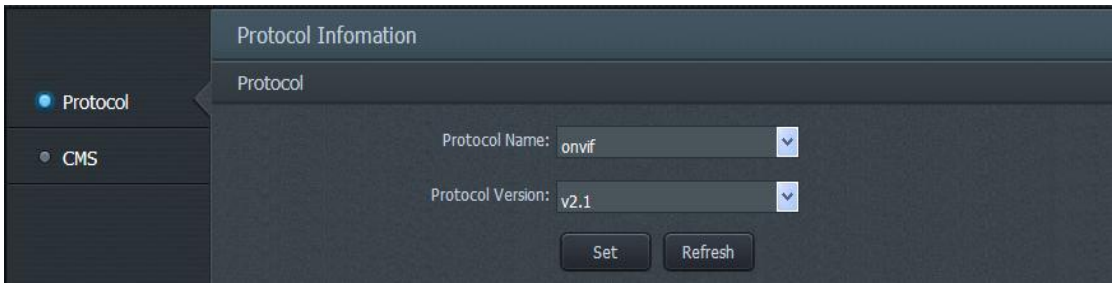
5.7 Protocol

Click Protocol to enter the protocol setting interface:



5.7.1 Protocol Information

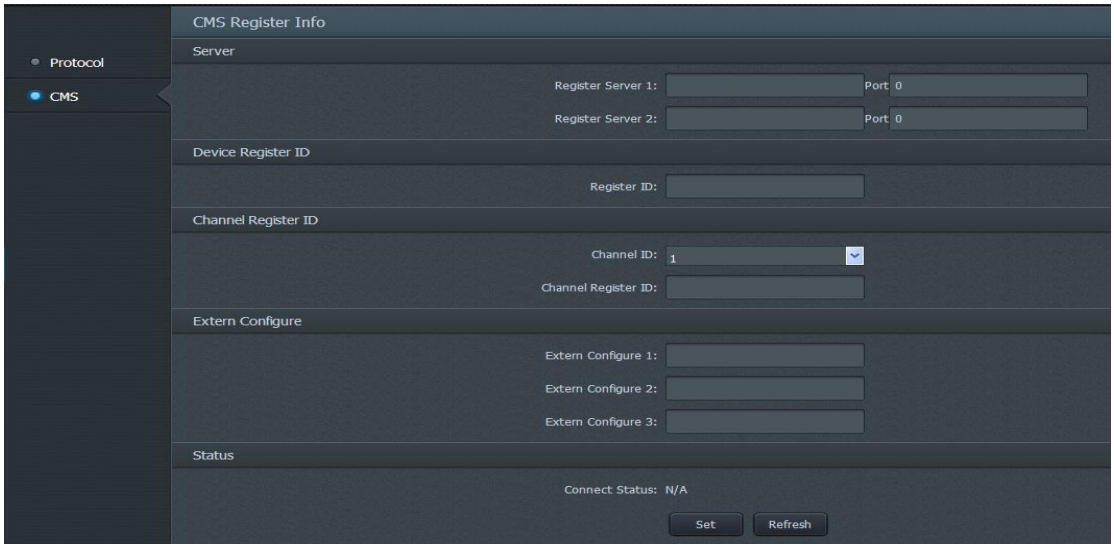
Click Protocol to enter setup interface protocol information:



Protocol information can be viewed and set.

5.7.2 CMS

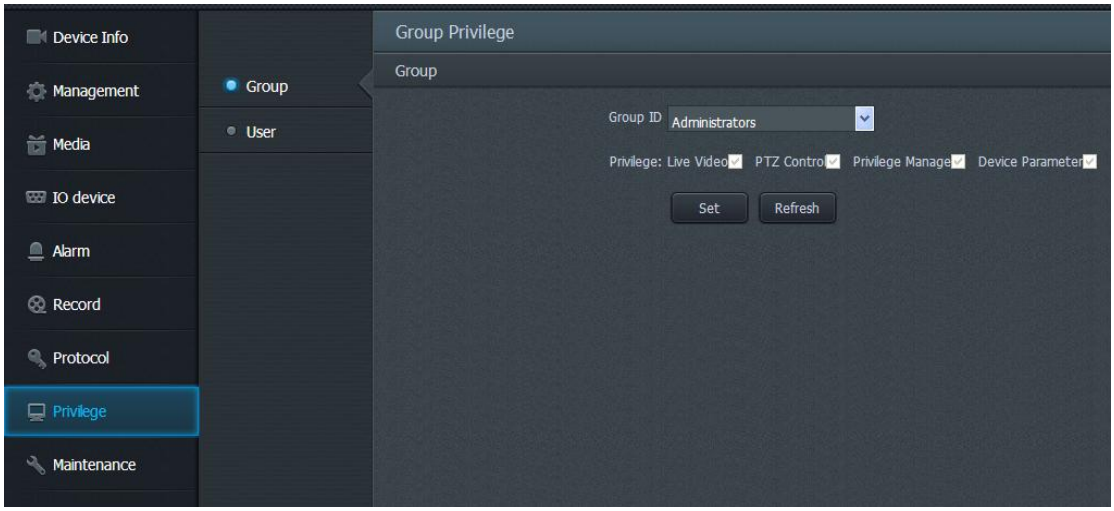
Click CMS to enter the CMS setting interface:



The device is registered to a large management platform, it is necessary for the configuration, the configuration of the specific content shown above.

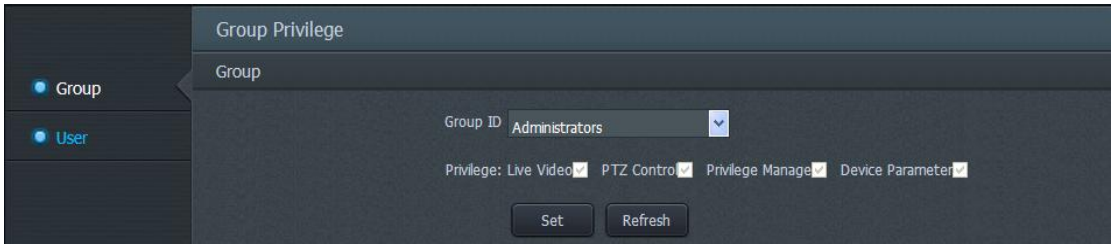
5.8 Access Control

Click Privilege to enter the access control settings interface:



5.8.1 Group

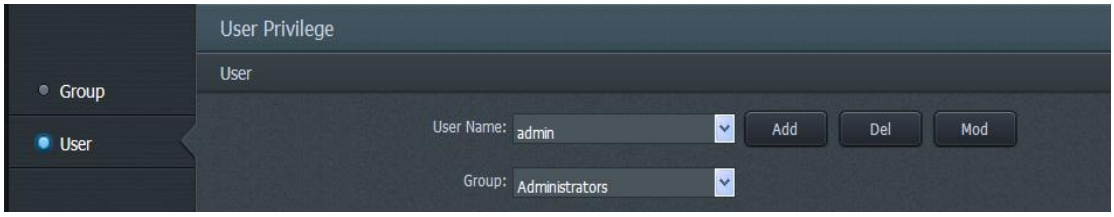
Click Group to enter group settings interface:



You can view the groups and settings, the interface provides Administrators, Operator, Media user three groups, including Administrators permissions can not be set to the default value. The other two groups can be set.

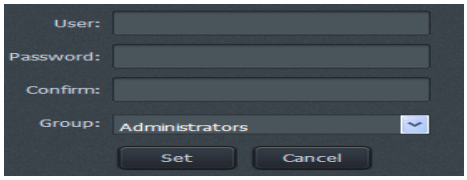
5.8.2 User

Click User to enter the User Settings screen:

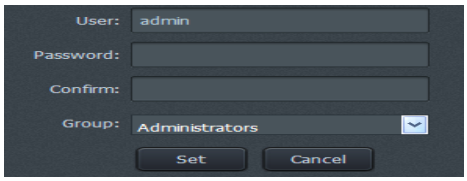


The user can be viewed and set.

- Click Add to pop-up user the add interface, you can add users.

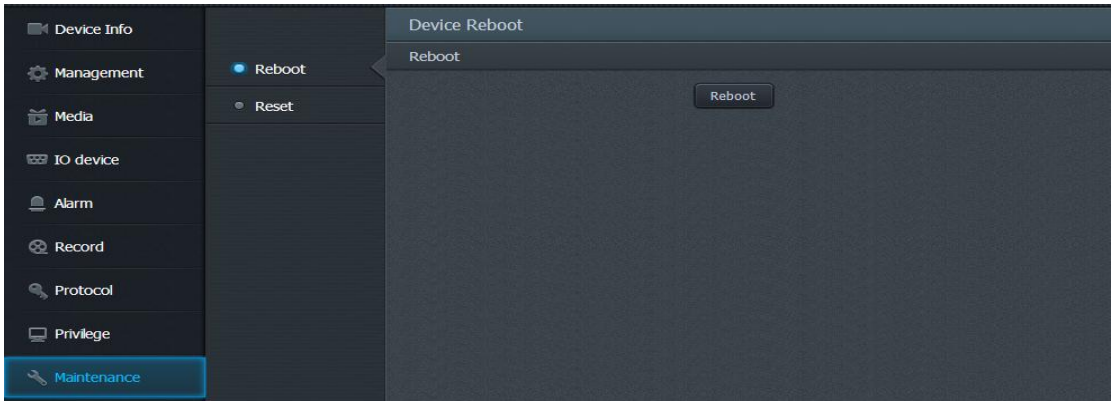


- Click Mod to pop-up user interface, you can modify the user.



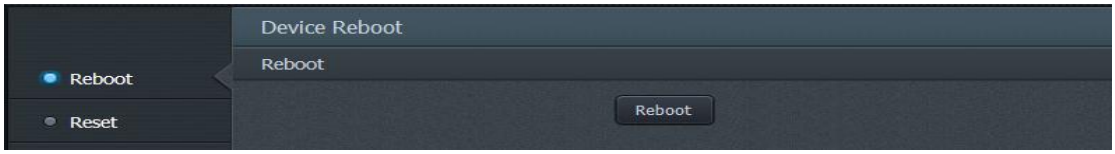
5.9 Equipment Maintenance

Click Maintenance into the equipment maintenance interface:



5.9.1 Restart

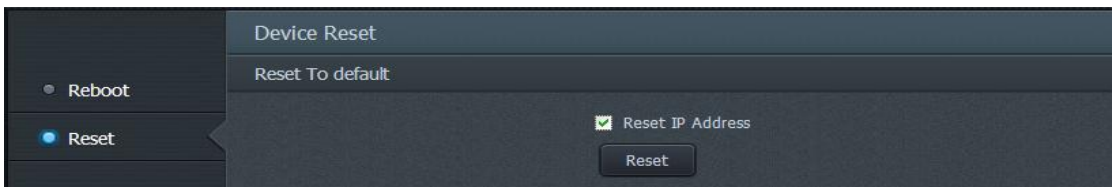
Click Reboot to enter the device reboots interface:



Click Reboot, device is restarted

5.9.2 Reset

Click Reset to enter the device resets the interface:



Click Reset to restore factory settings, If check Reset IP Address, the original IP can be restored.

6. FAQ

1 I am directly connected computer video browsing, I found the video is often slow, but the delay is growing slowly.

A: Check whether the network access standards, such as replacing a network cable tested qualified.

2 Why do I use IE log device, you can see the login screen, but that is not logged into?

A: Please check the IE's Internet Options -> Privacy -> settings to ensure regional settings to "Medium" or lower.

3 Why do I login page, the video window can not display video, but also the size of the real-time update rate?

A: Please upgrade the graphics card driver to the latest version.